

## 6.1.4 TROUBLESHOOTING

Contact the instrument manufacturer if the suggestions on table 6.1-2 fail to resolve the problem.

When using thermistor thermometers:

- ▶ Check the voltage of the batteries.
- ▶ Start with good batteries in instruments and carry spares.

Table 6.1-2. Troubleshooting guide for temperature measurement

Symptom	Possible cause and corrective action
Liquid-in-glass thermometer doesn't read accurately	<ul style="list-style-type: none"> <li>• Check thermometer to see that the liquid is not separated—if separated, take back to the office to reunite column.</li> </ul>
Thermistor thermometer doesn't read accurately	<ul style="list-style-type: none"> <li>• Dirty sensor—remove dirt and oil film.</li> <li>• Weak batteries—replace with new batteries.</li> </ul>
Erratic thermistor thermometer readings	<ul style="list-style-type: none"> <li>• Bad or dirty connection at meter or sensor—tighten or clean connections.</li> <li>• Break in the cables—replace cables.</li> <li>• Weak batteries—replace with new batteries.</li> </ul>
Thermistor thermometer slow to stabilize	<ul style="list-style-type: none"> <li>• Dirty sensor—clean sensor to remove dirt and oily film.</li> </ul>